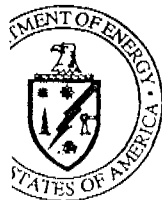


CORRES. CONTROL  
INCOMING LTR NO.

00734 RF 98

DUE DATE  
ACTION



Department of Energy

ROCKY FLATS FIELD OFFICE  
P.O. BOX 928  
GOLDEN, COLORADO 80402-0928

MAY 13 1998

98-DOE-03370

DIST.	LTR	ENC
BACON, R.F.		
BENSUSSEN, S.J.		
BORMOLINI, A.M.		
BOYER, N.C.		
BRAILSFORD, M.D.		
BURDGE, L.		
CARD, R.G.		
COSGROVE, M.M.		
COULTER, W.L.		
CRAWFORD, A.C.		
DERBY, S.		
DIETERLE, S.E.		
FERRERA, D.W.		
FERRERA, K.P.		
GERMAIN, A.L.		
GILPIN, H.E.		
HARDING, W.A.		
HARROUN, W.P.		
HEDAH, T.G.		
HILL, J.A.		
MARTINEZ, L.A.		
NORTH, K.		
PARKER, A.		
PHILLIPS, F.J.	X	
RHOADES, D.W.		
RODGERS, A.D.		
RUSCITTO, D.G.		
SANDLIN, N.B.		
SHELTON, D.C.	X	
SPEARS, M.S.		
TUOR, N.R.		
VOORHEIS, G.M.		
Butler, L.	X	
Greengard, T.	X	
Sparks, W.	X	

Mr. Tim Rehder

Rocky Flats Project Manager

United States Environmental Protection Agency, Region VIII

999 18<sup>th</sup> Street, Suite 500

Denver, Colorado 80202-2466

Dear Mr. Rehder:

The U.S. Department of Energy Rocky Flats Field Office is pleased to transmit two copies of the enclosed *Final Sampling and Analysis Plan to Support the Source Removal at The Trench 1 Site*, with responses to EPA and the Colorado Department of Public Health and Environment (CDPHE) comments incorporated. Per telecon with your staff on April 23, 1998, and correspondence received on April 20, 1998, responses to all comments have been adequately addressed and the Sampling and Analysis Plan is approved.

In the referenced correspondence, concerns were raised regarding the ability of gamma spectroscopy to detect plutonium (through americium) at levels required by the Starmet Corporation. Initial gamma spectroscopy modeling, conducted by Canberra Industries, indicates that the americium detection level required to infer total plutonium at or below 50 pCi/g cannot be met in a depleted uranium matrix. Therefore, for the depleted uranium intended for treatment at Starmet, plutonium will be evaluated by alpha spectroscopy in the Building 559 Laboratory.

We appreciate your continued support in meeting our accelerated project schedules. If you should have any overall questions please contact me at 303-966-5918 or if you have any technical questions, contact Norma I. Castaneda at 303-966-4226.

Sincerely

Joseph A. Legare  
Assistant Manager for  
Environmental Compliance

COR. CONTROL	X	X
ADMIN. RECORD	X	X
PATS/T130G		

Reviewed for Addressee  
Corres. Control RFP

5/14/98  
Date By

Ref Ltr. #

Enclosure

DOE ORDER #

5400.1

ADMIN RECORD  
BZ-1108-A-00041

Mr. Rehder  
98-DOE-03370

2

MAY 13 1998

cc w/Enc:

C. Spreng, CDPHE  
A. Rampertaap, EM-45, HQ  
Administrative Record

cc w/o Enc:

G. Klceman, EPA  
D. Drucker, EM-45, HQ  
B. April, RLG, RFFO  
R. Sarter, ERWM, RFFO  
R. Tyler, ERWM, RFFO  
N. Castaneda, ERWM, RFFO  
L. Butler, K-H  
D. Shelton, K-H  
T. Greengard, K-H/SAIC  
W. Sproles, RMRS